



REPLACE BOILERS AND UPGRADE BOILER ROOM

REV. WILLIAM GRIFFIN HOMES
Paterson, New Jersey

OWNER:

Housing Authority of the City of Paterson

COMPLETION DATE:

2008

REFERENCE:

Mr. Wilfredo Vazquez
Director of Modernization & Development
(973) 345-5340

Aparri Engineering, LLC provided design services to replace boilers and upgrade boiler room at NJ21-8 Rev. William Griffin Homes.

The scope of services included the following :

- Measurements and Surveys.
- Preparation of construction contract documents.
- Detailed cost estimating.
- Assistance during bid process.
- Construction inspection to ensure compliance with contract documents.
- Preparation of punch list.
- Project close-out.

Design elements included:

- Replace two boilers
- Provide new boiler panel
- Replace float and thermostatic return traps
- Provide mechanical insulation (piping, etc.)
- Provide front and rear boiler room doors
- Provide CO2 monitors and new exhaust fans
- Clean and/or replace boiler pipe fittings
- Provide new condensate pumps and tank
- Replace 3" and 4" heating zone valves
- Upgrade automatic heating system controls
- Implement boiler water treatment/softener program
- Re-pack all gate valve glands on steam and return lines
- Replace domestic hot water tank, coil, valves, controls and piping
- Replace hot and cold water valves to apartments
- Replace domestic house booster pumps & controls
- Patch walls and ceiling; and paint walls, ceiling and floors

